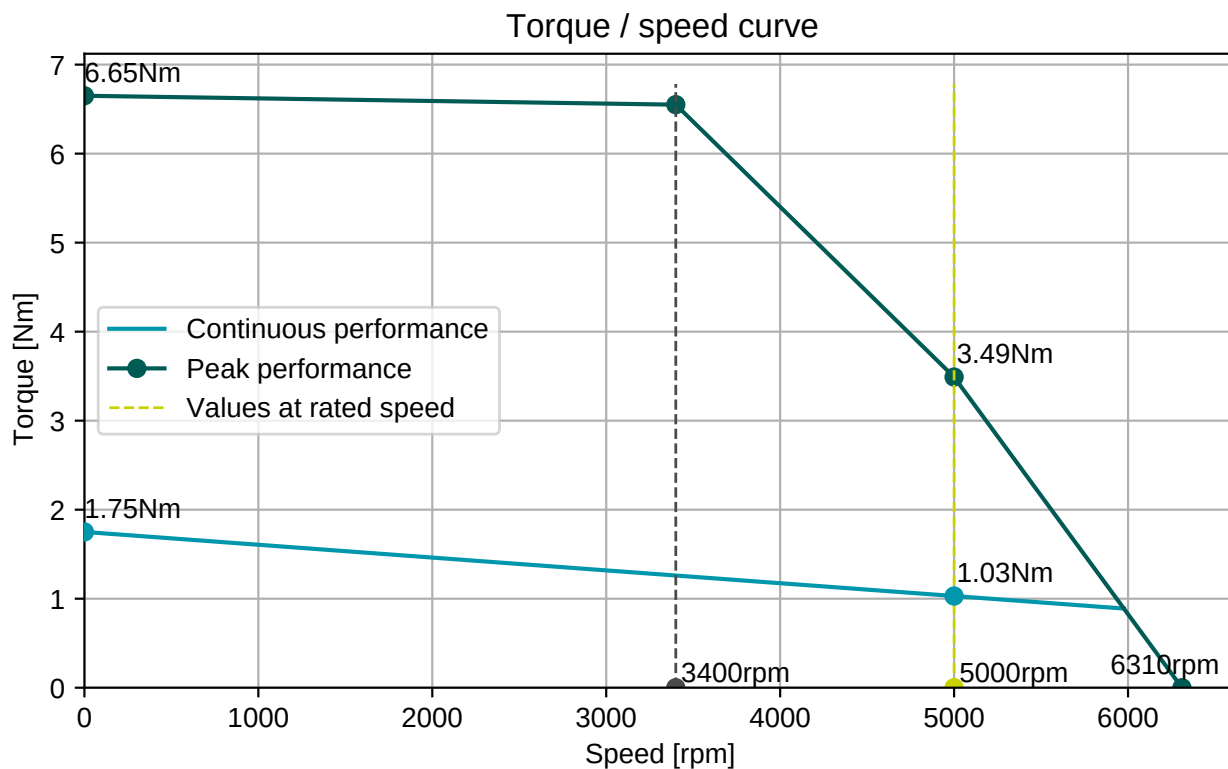


Engineering data (WIN 1531)		Mechanical data (setting 5)	
DC bus voltage	560 V DC	Max mechanical speed	12000 rpm
Nominal AC voltage	380 V AC (rms)	Mech. time constant	1.39 ms
Rated voltage	297 V AC (rms)	Thermal time constant	28 min
Rated power	539 W	Rotor inertia	0.68 kgcm ²
Rated speed	5000 rpm	Protection	IP64
Rated torque	1.03 Nm	Color	RAL 9005
Rated current	1.25 A (rms)	Cooling	Convection
Peak torque	6.65 Nm	Motor-only mass	1.9 kg
Peak current	7.8 A (rms)	Max. axial force 20kh	45 N
Stall torque	1.75 Nm	Max. radial force 20kh	239 N*
Stall current	1.76 A (rms)	Max. axial force 100kh	27 N
No load speed	6310 rpm	Max. radial force 100kh	140 N*
EMF constant ±10%	60 V AC (rms) / 1000rpm	* Defined for point of action at ½ output shaft length	
Theoretical torque constant ±10%	0.992 Nm / A (rms)		
Torque constant ±10% @ rated load	0.824 Nm / A (rms)	Sensors Temperature PT1000 {PT1000} Feedback 2-pole resolver (ER5Kd411, TS2620N21E11, RE-15-1-A15)	
Number of poles	10		
Electrical time constant	1.43 ms		
Winding terminal resistance	11.596 Ω		
Rotary field terminal inductance	16.6 mH		
Customs info			
HS Code	85015100		


BGC110N00001216000

M23, 8 poles, rotary


AGC052N00001215000

M23, 12 poles, rotary


Connector 1 (9)

1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	
D	

Connector 2 (10)

2	Therm+
3	S4
4	S3
5	R2
6	Therm-
7	S2
8	S1
9	R1

